

U.S. Application No.  
**10/511823**International Application No.  
PCT/JP03/05228Attorney Docket No.  
SAEG159.003APC

Date: October 19, 2004

Page 1

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/JP03/05228  
 International Filing Date: April 24, 2003  
 Priority Date Claimed: April 25, 2002  
 Title of Invention: PROCESS FOR PRODUCING DIHYDROXYDIPHENYL SULFONE  
 Applicant(s) for DO/EO/US: Fumio OI, Norio YANASE, Takayuki KITAHARA, Nobuyuki NATE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
3. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
4. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a) () is transmitted herewith (required only if not transmitted by the International Bureau).
  - b) (X) has been transmitted by the International Bureau.
  - c) (X) a copy of Form PCT/IB/308 is enclosed.
  - d) () is not required, as the application was filed in the United States Receiving Office (RO/US).
5. (X) A translation of the International Application into English (35 USC 371(c)(2)).
6. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a) () are transmitted herewith (required only if not transmitted by the International Bureau).
  - b) () have been transmitted by the International Bureau.
  - c) () have not been made; however, the time limit for making such amendments has NOT expired.
  - d) (X) have not been made and will not be made.
7. (X) A **SIGNED** Declaration of the inventor and Power of Attorney (35 USC 371(c)(4)).
8. (X) PRELIMINARY AMENDMENT in five (5) pages.
9. (X) International Application as Published (WO 03/091206 A1) – face sheet only.
10. (X) International Search Report (PCT/ISA/210).
11. (X) PCT Form: PCT/IB/304.
12. (X) PCT Request Form.
13. (X) A Verification of A Translation.

U.S. Application No.

**10/511823**International Application No.  
PCT/JP03/05228Attorney Docket No.  
SAEG159.003APC

Date: October 19, 2004

Page 2

14. (X) A return prepaid postcard.

15. (X) The following fees are submitted:

				FEES
<b>BASIC FEE</b>				\$950
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	21 - 20 =	1 ×	\$18	\$18
Independent Claims	3 - 3 =	0 ×	\$88	\$0
Multiple dependent claims(s) (if applicable)			\$300	\$300
<b>TOTAL FEE ENCLOSED</b>		<b>\$1,268</b>		


16. (X) A check in the amount of \$1,268 to cover the above fees is enclosed.

17. (X) Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.

18. (X) The Commissioner is hereby authorized to charge only those additional fees which may be required, now or in the future, to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

  
 Katsuhiro Arai  
 Reg. No. 43,315  
 Customer No. 20,995

10/51823

2040 Main Street  
Fourteenth Floor  
Irvine, CA 92614  
Tel 949-760-0404  
Fax 949-760-9502  
www.kmob.comKatsuhiro Arai  
Japanese Patent Attorney  
E-mail: karai@kmob.comMAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Attorney Docket No. : SAEG159.003APC

Applicant(s) : OI et al.

For : PROCESS FOR PRODUCING  
DIHYDROXYDIPHENYL SULFONE

Attorney : Katsuhiro Arai

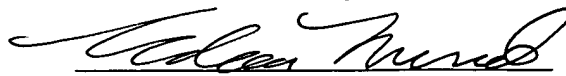
"Express Mail"  
Mailing Label No. : EV 307992989 US

Date of Deposit : October 19, 2004

I hereby certify that the accompanying

Transmittal letter; Specification in 14 pages; Preliminary Amendment in 5 pages; **SIGNED** Declaration and Power of Attorney 3 pages; Recordation Form Cover Sheet and Assignment in 4 pages; International Application as Published (WO 03/091206 A1 - face sheet only); International Search Report (PCT/ISA/210); PCT Forms: PCT/IB/304 & 308; PCT Request Form; A Verification of a Translation; \$1268 and \$40 Checks for Filing Fee and Assignment Recordation Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

  
Nelson MeridaH:\DOCS\KOA\KOA-5583.DOC  
101804